Serial or Patent No.:

Pled or Issued:

Applicant or Patentee: Samuel Nochingson et al.

08/887,673

July 3, 1997

PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(d) and 1.27(c)) - SMALL BUSINESS CONCERN

the owner of the small business concern identified below:

x an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN: ADDRESS OF CONCERN:

declare that I am:

GENEMEDICINE, INC.

8301 New Trails Drive

The Woodlands TX 77381-4248

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number

employees of the l	ousiness concern is the average	e over the previous fiscal year of the concer	 For purposes of this statement, (1) the number of in of the persons employed on a full-time, part-time tes of each other when either, directly or indirectly, ols or has the power to control both.
I hereby declare th to the above entitl	at rights under contract or law led invention, by inventor(s) Sa	nave been conveyed to and remain with the amuel Nochumson et al. described in	small business concern identified above with regard
the X app Pat	specification filed herewith blication serial number <u>08/887</u> tent No is:	.673, filed <u>July 3, 1997</u> sued	
invention is listed concern under 32 organization under	below and no rights to the inverse of CFR 1.9(d) or by any conce or 37 CFR 1.9(e).	ention are held by any person, other than the rn which would not qualify as a small but	vidual, concern or organization having rights to the inventor, who could not qualify as a small business siness concern under 37 CFR 1.9(d) or a nonprofit
to their statu	arate verified statements are ress as small entities. (37:CFR 1:	quired from each named person, concern or 27) <u>च्याचार प्रकृत्याच्यासम्बद्धाः सम्बद्धाः अ</u>	organization having rights to the invention averring
NAME ADDRESS	[] INDIVIDUAL	[] SMALL BUSINESS CONCERN	[] NONPROFIT ORGANIZATION
NAME ADDRESS	[]INDIVIDUAL	[] SMALL BUSINESS CONCERN	[] NONPROFIT ORGANIZATION
NAME ADDRESS	[] INDIVIDUAL	[] SMALL BUSINESS CONCERN	[] NONPROFIT ORGANIZATION
prior to paying, of is no longer appropriate to be true; and fur fine or imprison	e duty to file, in this application or at the time of paying, the ear opriate. (37 CFR 1.28(b)) that all statements made herein other that these statements were	or patent, notification of any change in status rliest of the issue fee or any maintenance fe of my own knowledge are true and that all sta	s resulting in loss of entitlement to small entity status e due after the date on which status as a small entity atements made on information and belief are believed e statements and the like so made are punishable by and that such willful false statements may jeopardize
NAME OF PERSO	ON SIGNING: N OTHER THAN OWNER:	Josef Bossart, Ph.D.	30
	RSON SIGNING:	8301 New Trails Drive The Woodlands TX 77381-4248	
Signature	Bossail		-10-98



COMBINED DECLARATION AND POWER OF ATTORNEY

		,		·	
My residence	m the original first and	by declare that: nd citizenship are as stated below next sole inventor (if only one name is liste ject matter which is claimed and for w	ed below) or an	original, first and sought on the inve	joint inventor ntion entitled
		SMID PURIFICATION the specificat			
	attached hereto.	•			
w	as filed on July 3, 1997	as Application Serial No. 08/887,673	and was amen	ded on	·
as amended by any I acknowled in accordance with I hereby cla inventor's certificat	y amendment referred to dge the duty to disclose in Title 37, Code of Feder aim foreign priority bene- te listed below and have that of the application of	nd understand the contents of the above above. nformation which is material to the pateral Regulations, §1.56(a). fits under Title 35, United States Code, also identified below any foreign applion which priority is claimed:	entability and/o	r examination of th	nis application) for patent or
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
I hereby cl	aim the benefit under Tit	tle 35, United States Code, §119(e) of a	ny United State	s provisional applic	cation(s) listed
60/022,157		July 19, 1996 (Filing Date)			
insofar as the sub manner provided information as de application and th	laim the benefit under T ject matter of each of the last paragraph efined in Title 37, Code ne national or PCT international	Fitle 35, United States Code, §120 of a e claims of this application is not disclered of Title 35, United States Code, §11 of Federal Regulations, §1.56(a) white the control of this application: (Filing Date)	osed in the price 2. I acknowled	or United States applied the dis	sclose materia
(Application Seri	ai No.)	(ring Date)	(Status)		
(Application Seri	al No.)	(Filing Date)	(Status)	:	. ,

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Richard J. Warburg, Esq., Registration No. 32,327

Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr. Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Bradford J. Duft, Reg. No. 36,846; Richard J. Warburg, Reg. No. 30,158; Steven M. Weiss, Reg. No. 37,534; Matthew W. Knight, Reg. No. 36,846; Richard J. Warburg, Reg. No. 32,327; F.T. Alexandra Mahaney, Reg. No. 37,668; Sheldon O. Heber, Reg. No. 38,179; Jeffrey W. Guise, Reg. No. 34,613; Charles S. Berkman, Reg. No. 38,077; and Anthony C. Chen, Reg. No. 38,673; of LYON & LYON LLP, 633 West Fifth Street, Suite 4700, Los Angeles, California 90071, telephone (619) 552-8400.

Address all telephone calls to Richard J. Warburg, Esq. at telephone no. 619 552-8400.

Address all correspondence to Richard J. Warburg, Esq., LYON & LYON LLP, 633 West Fifth Street, Suite 4700, Los Angeles CA 90071_.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

Full name of first inver	ntor Samuel Nochumson		
Inventor's signature		Date:	
	43 South Silver Crescent Circle, The Woodlands, Texas 77382		
Citizenship	U.S.A.	· . ·	
Post Office Address	43 South Silver Crescent Circle, The Woodlands, Texas 77382		·
		·	
Full name of second ir	nventor Ross Durland		
Inventor's signature		Date:	
Residence	21 Flagstone Path, The Woodlands, Texas 77381		
Citizenship	U.S.A.		
Post Office Address	21 Flagstone Path, The Woodlands, Texas 77381		

226/260

Full name of third inve	ntor Audrey Yu-Speight	
Inventor's signature	andrey la-special	Date: 2/16/98
Residence	19 Fire Flicker Place, The Woodlands, Texas 77381	
Citizenship	U.S.A.	
Post Office Address _	19 Fire Flicker Place, The Woodlands, Texas 77381	
Full name of fourth in	ventor John Welp	
Inventor's signature		Date:
Residence	12833 Pelican Island Drive, Willis, Texas 77378	
Citizenship	U.S.A.	
Post Office Address _	- 12833 Pelican Island Drive, Willis, Texas 77378	
		
Full name of fifth inv	entor Kuoewi Wu	
	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
Citizenship	Taiwan	
Post Office Address	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
	ventor <u>Rexford Hayes</u>	
Inventor's signature		Date:
	16755 Ella Boulevard, Apt. #28, Houston, Texas 77090	
Citizenship	U.S.A.	
Post Office Address	16755 Ella Boulevard, Apt. #28, Houston, Texas 77090	



COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION the specification of which

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

is	s attached hereto.				
X v	vas filed on July 3, 1997	as Application Serial No. <u>08/887,67</u>	3 and was amen	nded on	•
I acknowle I acknowle in accordance with I hereby cl inventor's certifica	y amendment referred to edge the duty to disclose in h Title 37, Code of Feder aim foreign priority benefite listed below and have a that of the application of	nformation which is material to the pat	entability and/o	r examination of this	application or patent or
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
I hereby cl below.	laim the benefit under Titl	e 35, United States Code, §119(e) of a	ny United States	provisional applicat	ion(s) listed
60/022,157		July 19, 1996			
(Application Num	nber)	(Filing Date)			
insofar as the sub manner provided information as de	ject matter of each of the by the first paragraph of the fined in Title 37, Code	tle 35, United States Code, §120 of an claims of this application is not discled Title 35, United States Code, §11 of Federal Regulations, §1.56(a) whi ational filing date of this application:	osed in the prior 2, I acknowled	r United States applic ge the duty to disclo	cation in the ose material
(Application Seri	al No.)	(Filing Date)	(Status)		
(Application Seri	al No.)	(Filing Date)	(Status)		

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Full name of first inven	tor Samuel Nochumson	
	Samuel Mochuman	Date: 2/10/98
Residence	43 South Silver Crescent Circle, The Woodlands, Texas 77382	
Citizenship	U.S.A.	·
Post Office Address	43 South Silver Crescent Circle, The Woodlands, Texas 77382	
Full name of second in	ventor Ross Durland	
Inventor's signature	anted	Date: 2/10/9 8
	21 Flagstone Path, The Woodlands, Texas 77381	<u>, </u>
Citizenship	U.S.A.	
Post Office Address	21 Flagstone Path, The Woodlands, Texas 77381	

Full name of third inve	ntor <u>Audrey Yu-Speight</u>	
Inventor's signature		Date:
Residence	19 Fire Flicker Place, The Woodlands, Texas 77381	
Citizenship	U.S.A.	
Post Office Address	19 Fire Flicker Place, The Woodlands, Texas 77381	
		• .
	ventor John Welp	
Inventor's signature	Dewr	Date: 2/10/98
	12833 Pelican Island Drive, Willis, Texas 77378	
Citizenship	U.S.A.	
	12833 Pelican Island Drive, Willis, Texas 77378	
Full name of fifth inve	ntor Kuoewi Wu	
Inventor's signature	Mount	Date: 02/10/6f
Residence	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
- Citizenship	Taiwan	
	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
Full name of sixth inv	entor Rexford Hayes	
ntor's signature	Region of M. Augus	Date: <u>2/11/9</u>
Residence	16455 Ella Boulevard, Apt. #28, Houston, Texas 77090	
Citizenship	U.S.A.	•
Post Office Address	16755 Ella Boulevard, Apt. #28, Houston, Texas 77090	,'

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings FORM PTO-1595 (Rev. 6-93) FRE RDATION FORM PATENTS	ratent and tracemark Office
1-2	Please record the attached original documents or copy thereof.
Name of conveying partyles:	2. Name and address of receiving party(ies)
Samuel Nochumson Ross Durland Audrey Yu-Speight John Welp Kuoewi Wu Rexford Hayes	GENEMEDICINE, INC. 8301 New Trails Drive The Woodlands, TX 77381-4248
Additional name(s) of conveying party(ies) attached? Yes No No	
3. Nature of conveyance: X Assignment	Additional name(s) & address(es) attached? Yes No
Execution Date: 11 February, 1998 and 16 February, 1998	
 4. Application number(s) or patent number(s): If this document is being filed together with a new application No.(s) 08/887,673 	pplication, the execution date of the application is: B. Patent No.(s)
Additional numbers atta	ched? Yes No 🗵
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Richard J. Warburg	7. Total fee (37 C.F.R. 3.41)\$40.00
LYON & LYON LLP	_X Enclosed
	Authorized to be charged to Deposit Account
Street Address: 633 West Fifth Street Suite 4700	8. Deposit account number: 12-2475
City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90071-2066</u>	
DO NOT U	SE THIS SPACE
a true copy of the original document.	ng information is true and correct and any attached copy is $3-5-9\%$
Charles S. Berkman Name of Person Signing Sig	nature Date

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

ASSIGNMENT

For valuable consideration, we, Samuel Nochumson of The Woodlands, Texas; Ross Durland of The Woodlands, Texas; Audrey Yu-Speight of The Woodlands, Texas; John Welp of Willis, Texas; Kuoewi Wu of Houston, Texas; and Rexford Hayes of Houston, Texas, hereby assign to GENEMEDICINE, INC., a Delaware corporation having a place of business at 8301 New Trails Drive, The Woodlands, Texas 77381, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on July 3, 1997, U.S. Serial No. 08/887,673, entitled PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at the woodlands, TX
this 1/rd day of February, 1998.
Samuel Mocheman
Samuel Nochumson
State of \was ab :
County of Montgonny: ss.
Before me this \(\ldots \) day of \(\frac{\text{February}}{\text{prans}} \), 1998, personally appeared \(\frac{\text{Samuel Nochumson}}{same and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.
[Notary's JENNIFER SHORT Notary Public
Seal Here] Notary Public, State of Texas My Commission Expires
My commission expires: 3.24.01
IN WITNESS WHEREOF, I hereto set my hand and seal at The Washinds, TX
this 1/4 day of Fiberry, 1998.
- Parted
State of Was:
State of was: State of Management : State o
Before me this <u>II</u> day of <u>February</u> , 1998, personally appeared <u>Ross Durland</u> known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

[Notary's Seal Here]



My commission expires: 3.24.01

Notary Public

in witness wherec	F, I hereto set my h	and and seal	at,	
this day of	, 1998	•		
•				
	•			
			Audrey Yu-Speight	
State of				
County of	ss.	•.	,	
County or	·		•	
		4000	11	V. Chaight
Before me this _	day of	, 1998, p	personally appeared <u>Audr</u> ibed to the foregoing As	signment and
acknowledged that he	e executed the same	e as his free	act and deed for the pur	poses therein
contained.				
rs 1		•	Notary Public	
[Notary's Seal Here]			Notary Fublic	
Seal Herej			My commission expires	:
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INI NA/ITNIËCO NA/LIEDE/	DE I horoto set my l	hand and sea	l at the Woodlands, T	ī K
this May of File			rat rational	
tillo <u>ire</u> day or <u>vire</u>			NO 13 4.7	
			John Welp	
504600			John Welp	
State of Ieras County of Montager	: SS.			•
County of Mintan	nerz:		:	
,	0			
4	11. Cake	10140 1000	personally appeared <u>John</u>	- Mala kaasua
Before me this	day of rebru	is Jubscrib	personally appeared <u>long</u> ed to the foregoing As	signment and
to me to be the pe	erson whose hame e executed the sam	e as his free	act and deed for the pu	rposes therein
contained.	e excedica the sam			•
			,,,,,	+
		•	Notani Bublia	<u>U</u>
[Notary's	JENNIFER SHOR	IT E	Notary Public	
Seal Here]	Notary Public, State of My Commission Exp	Texas D	My commission expires	3.2401

IN WITNESS WH	HEREOF, I hereto set my hand	and seal at The Wastinus,	TX
this 11th day of _	Fibruary, 1998.		
	8		/)
		Mouse	·Ne
	• .	Kuoewi Wu	
State of Tural County of Man	:		•
·/\	ss.		
County of MM	tarmers:		
County of	() ·		
·			
Refere me	e this <u>11</u> day of <u>February</u>	~ 1998 personally appeared k	(uoewi Wu known
to mo to be the	he person whose name is ρ	subscribed to the foregoing	Assignment and
acknowledged t	hat he executed the same as	his free act and deed for the	purposes therein
contained.	inat the executed the same as	A A	
Contained.			
		diummX	M
[Nlotomile]	-	Notary Public	
[Notary's Seal Here]	JENNIFER SHORT	E Crotally rushe	
Seal Fielej	Notary Public, State of Texas My Commission Expires	My commission ex	oires 2.24.01
. }	3-24-01	iviy commission ex	541 C)
		•	
INT VALITATECE VALI	HEREOF, I hereto set my hand	land saal at The Warlands	TX
this 1/14 day of	File Colors a 1998	and scar at 12	1
this <u>·</u> day of	Filmy , 1998.	- / //	2 //
		Mullard 111	Malle
	·	Reviord Haves	1000
Charact TOUCO	Λ .	ige flord Hayes	
State of Wa	<u>.</u> .	-	
County of MAY	Atomina ss.	-	
County of Trush	app na y		
	Ü	,	
Dafara m	ne this <u>11 </u> day of <u>Februa</u> o be the person whose name	W 1998 personally annea	red Reyford Haves
belore ii	he the person whose name	is subscribed to the foregoin	og Assignment and
known to me to	that he executed the same as	his from act and deed for the	e nurnoses therein
	that he executed the same as	This free act and deed for the	d purposes therein
contained.	•	(/
		towww.	tul
rs to a second		Nictory Public	<u> </u>
[Notary's	JENNIFER SHORT	Colary Fublic	
Seal Here]	Notary Public, State of Texas	My commission ex	nires: 2.24.01

ASSIGNMENT

For valuable consideration, we, Samuel Nochumson of The Woodlands, Texas; Ross Durland of The Woodlands, Texas; Audrey Yu-Speight of The Woodlands, Texas; John Welp of Willis, Texas; Kuoewi Wu of Houston, Texas; and Rexford Hayes of Houston, Texas, hereby assign to GENEMEDICINE, INC., a Delaware corporation having a place of business at 8301 New Trails Drive, The Woodlands, Texas 77381, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on July 3, 1997, U.S. Serial No. 08/887,673, entitled PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and	d seal at,
this day of, 1998.	
	Samuel Nochumson
State of :	Samuel Nochumson
ss.	
County of:	
Refere me this day of 199	98, personally appeared <u>Samuel Nochumson</u>
known to me to be the person whose name is s	ubscribed to the foregoing Assignment and
acknowledged that he executed the same as his contained.	free act and deed for the purposes therein
-	
[Notary's	Notary Public
Seal Here]	•
	My commission expires:
IN WITNESS WHEREOF, I hereto set my hand an	d seal at,
this day of, 1998.	
	Ross Durland
State of :	
County of:	
to me to be the person whose name is sub	98, personally appeared Ross Durland known oscribed to the foregoing Assignment and
acknowledged that he executed the same as his	s free act and deed for the purposes therein
contained.	
[Notary's	Notary Public
Seal Here]	
Jean Fierej	My commission expires:
	itiy commission expires

IN WITNESS WHEREOF, I here	to set my hand and seal at College Station, Tufas
this 16 day of February	, 1998.
	anony In specialist
A (an)	Audrey Yu-Speight
State of Jesses:	SS.
County of Braga:	
. 4h	
Before me this / day	of Jehruan, 1998, personally appeared Audrey Yu-Speight
known to me to be the persor	whose name is subscribed to the foregoing Assignment and det the same as his free act and deed for the purposes therein
contained.	
	Wellera Gordon
[Notary's	Notary Public
Seal Here]	My commission expires: OZ-14-02
	02-14-62
IN WITNESS WHEREOF, I here this day of	eto set my hand and seal at,,
this day of	
	John Welp
State of :	, ,
County of:	SS.
Before me this day	of, 1998, personally appeared John Welp known
to me to be the person w	hose name is subscribed to the foregoing Assignment and ed the same as his free act and deed for the purposes therein
contained.	ed the same as his nee act and deed for the purposes therem.
[Notary's	Notary Public
Seal Here]	My commission expires:
	My Commission Capitals

IN WITNESS WHEREOF, I hereto set my hand and this day of, 1998.	i sear at
	Kuoewi Wu
State of : ss.	
County of:	
Before me this day of, 19 to me to be the person whose name is sub acknowledged that he executed the same as his contained.	998, personally appeared <u>Kuoewi Wu</u> known scribed to the foregoing Assignment and free act and deed for the purposes therein
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IN WITNESS WHEREOF, I hereto set my hand arthis day of, 1998.	nd seal at,
tillsday of	
	Rexford Hayes
State of :	
County of:	
Before me this day of known to me to be the person whose name is acknowledged that he executed the same as hi contained.	, 1998, personally appeared <u>Rexford Have</u> subscribed to the foregoing Assignment and is free act and deed for the purposes therein
[Notary's	Notary Public
Seal Here]	My commission expires:

U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET Patent and Trademark Office **FORM PTO-1595** 1-31-92 PATENTS ONLY Docket No. 207/078 & TRADEN To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party: Name of conveying party(ies): Name: Valentis, Inc. GeneMedicine, Inc. Additional name(s) of conveying party(ies) attached? Internal Address: ☐ Yes 🛛 No Nature of conveyance: City: _____State: ____ Zip: ____ ☐ Assignment ☐ Security Agreement Street Address: 863A Mitten Road ☐ Other _ City: Burlingame State: CA Zip: 94010 Execution Date: March 18, 1999 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No(s).: _____ Patent Application No(s).: 08/225,840 Additional numbers attached?

✓ Yes

✓ No 6. Total number of applications and patents involved: 21 Name and address of party to whom correspondence concerning document should be mailed: \$840.00 7. Total fee (37 CFR 3.41): Name: Michael J. Wise Internal Address: LYON & LYON LLP Charge this Deposit Account if any additional fe is 633 West Fifth Street, Suite 4700 required Los Angeles, CA 90071-2066 Deposit Account Number: 12-2475 DO NOT USE THIS SPACE Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Date: April /3, 2001 Total number of pages including cover sheet: 8 OMB No. 0651-0011 (exp. 4/94)

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Continuation of Recordation Form Cover Sheet For GeneMedicine, Inc. – Valentis, Inc.

Merger/Change of Name

Additional number(s) or patent number(s) for Section 4.A. & 4B.

a	
Section 4.A. Patent Application No. 09/122,171	Attorney Docket No. 236/006
08/798,974	224/084
09/070,896	234/167
09/149,721	237/023
09/115,407	235/238
09/189,329	239/053
08/887,673	226/260
08/974,572	230/185
08/948,958	226/284
09/754,014	260/056
08/949,160	226/285
09/212,768	239/048
09/018,748	230/109
09/760,417	260/189
09/774,284	260/243

Section 4.B.

Patent Serial No.	Attorney Docket No.
5,763,270	213/087
6,103,470	230/204
6,034,072	230/214
6,040,295	210/190
6,184,037	224/177

MAY 0 4 2001 W

State of Delaware

Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"MONTANA ACQUISITION SUB, INC.", A DELAWARE CORPORATION,
WITH AND INTO "GENEMEDICINE, INC." UNDER THE NAME OF
"VALENTIS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE
LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS
OFFICE THE EIGHTEENTH DAY OF MARCH, A.D. 1999, AT 3 O'CLOCK P.M.



Edward J. Freel, Secretary of State

AUTHENTICATION:

9972539

DATE:

09-16-99

2283820 8100M

991386928.

FAX NO. 3027341476 STATE OF DELAWARB2

SECRETARY OF STATE

DIVISION OF CORPORATIONS

FILED 03:00 PM 03/18/1999

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CERTIFICATE OF MERGER MERGING MONTANA ACQUISITION SUB, INC., A DELAWARE CORPORATION WITH AND INTO GENEMEDICINE, INC., A DELAWARE CORPORATION

Pursuant to Section 251 of the General Corporation Law of the State of Delaware

GeneMedicine, Inc., a Delaware corporation ("GeneMedicine"), does hereby certify as follows:

FIRST: Each of the constituent corporations, GeneMedicine and Montana Acquisition Sub, Inc., a Delaware corporation ("Montana"), is a corporation duly organized and existing under the Delaware General Corporation Law (the "DGCL").

SECOND: An Agreement and Plan of Merger and Reorganization (the "Reorganization Agreement"), dated October 24, 1998, as amended, setting forth the terms and conditions of the merger of Montana with and into GeneMedicine (the "Merger"), has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the DGCL.

THIRD: The name of the surviving corporation is Geue Medicine, Inc. (the "Surviving Corporation") which shall be changed to Valentis, Inc.

FOURTH: The Surviving Corporation's original Certificate of Incorporation was filed on January 2, 1992 under the name "Vector Therapeutics, Inc."

FIFTH: The Restated Certificate of Incorporation of the Surviving Corporation is amended and restated to read in its entirety as set forth in Exhibit A hereto.

SIXTH: An executed copy of the Reorganization Agreement is on file at the principal place of business of the Surviving Corporation at the following address:

GeneModicine, Inc. 8301 New Trails Drive The Woodlands, TX 77381

SEVENTH: An executed copy of the Reorganization Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of either constituent corporation

EIGHTH: The Merger shall become effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

MAR 15 '99 18:44 TO-16174230154

FROM

T-252 P. 04 F-887

IN WITNESS WHEREOF, GeneMedicine has caused this Certificate of Merger to be executed in its corporate name as of the 18th day of March, 1999.

GENEMIEDICINE, INC.

_By

Stanley T. Crooke, Chairman

ATTEST:

10 10 10 10 10 Ag

Richard A. Waldron, Socretary

EXHIBIT A

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF

VALENTIS, INC., a Delaware corporation

Ī.

The name of this corporation is VALENTIS, INC.

U.

The address of the registered office of the corporation in the State of Delaware is 1013 Centre Road, City of Wilmington, County of New Castle, and the name of the registered agent of the corporation in the State of Delaware at such address is Corporation Service Company.

Ш.

The purpose of this corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware.

IV.

This corporation is authorized to issue only one class of stock, to be designated Common Stock. The total number of shares of Common Stock presently authorized is one hundred (100), each having a par value of one-tenth of one cent (\$0.001).

v

The management of the business and the conduct of the affairs of the corporation shall be vested in its Board of Directors. The number of directors which shall constitute the whole Board of Directors shall be fixed by the Board of Directors in the manner provided in the Bylaws.

VI.

- A. A director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for any breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived an improper personal benefit. If the Delaware General Corporation Law is amended after approval by the stockholders of this Article to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.
- B. Any repeal or modification of this Article VI shall be prospective and shall not affect the rights under this Article VI in effect at the time of the alleged occurrence of any act or omission to act giving rise to liability or indemnification.

VII.

The corporation reserves the right to amend, alter, change or repeal any provision contained in this Cartificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon the stockholders herein are granted subject to this reservation.